**Question 1: Connecting-to-a-Web-Server (2 marks)**

Using the packet tracer tool to open the file named *Connecting-to-a-Web-Server.pka* and follows the requirements.

After completing all steps, students will "save as" the new file by adding their roll numbers.

**Example: Roll number is SE14305**

* **File name: Connecting-to-a-Web-Server \_SE14305.pka**

**Question 2: IPv4-Addresses-and-Network-Communications (3 marks)**

Using the packet tracer tool to open the file named *IPv4-Addresses-and-Network-Communications.pka* and follows the requirements.

***Step 5****: a. Was it successful? Explain.*

*--------------------------------------------------------------------------------*

*b. What type of networking device would allow the PCs to communicate even though they are on different networks?*

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After completing all steps, students will "save as" the new file by adding their roll numbres.

**Example: Roll number is SE14305**

* **File name**: **IPv4-Addresses-and-Network-Communications \_SE14305.pka**

**Question 3: Using-the-Ping-Command (2 marks)**

Using the packet tracer tool to open the file named *Using-the-Ping-Command.pka* and follows the requirements.

After completing all steps, students will "save as" the new file by adding their roll numbres.

**Example: Roll number is SE14305**

* **File name: Using-the-Ping-Command \_SE14305.pka**

**Question 4: Building a complete network (3 marks)**

**Step 1**: open the file named *“Building a complete network.pkt”*

**Step 2**: please select the appropriate devices (routers, switches) and cables to complete the network diagram. (1 mark)

**Step 3**: configure all devices with the provided IP addresses as shown in the diagram. (1 mark)

**Step 4**: using an appropriate routing protocol to configure the network so that the PC of the IP address 192.168.100.10/24 is able to ping successfully to the PC of the IP address 192.168.102.10/24. (1 mark)

After completing all steps, students will "save as" the new file by adding their roll numbres.

**Example: Roll number is SE14305**

* **File name: Building a complete network\_SE14305.pkt**

***Finally, students zip 4 questions and word file in order to have 1 file and upload it on testing software.***